

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

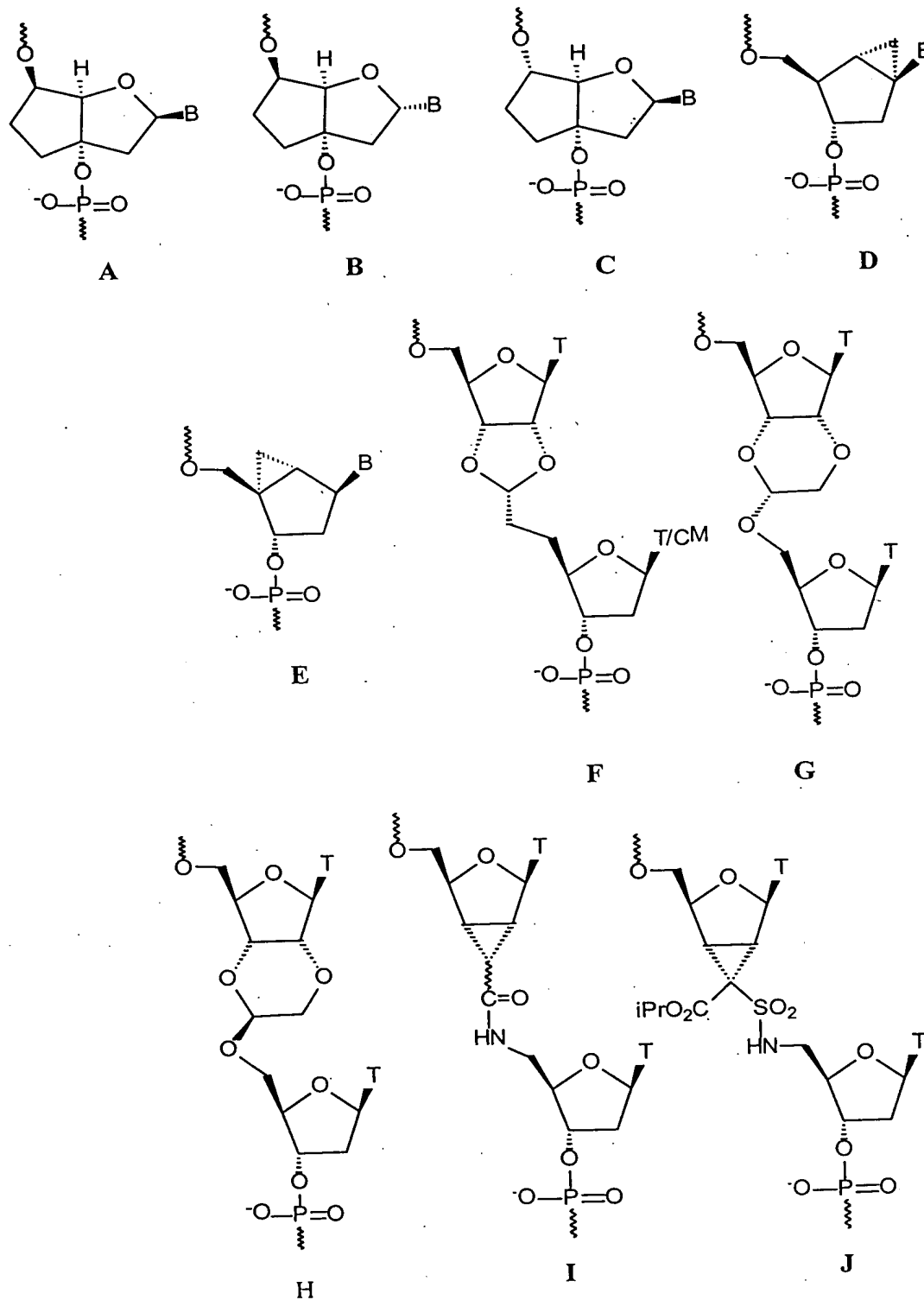


Fig. 1 A

2/44

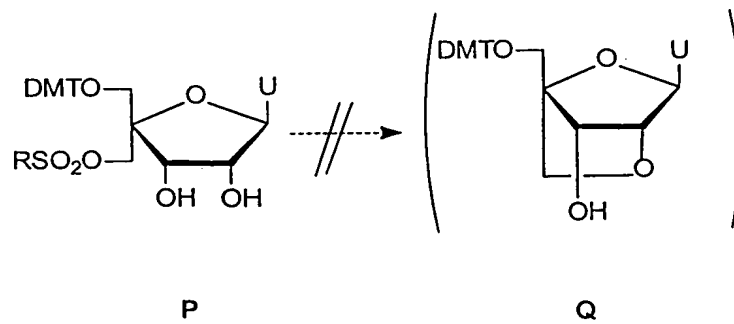
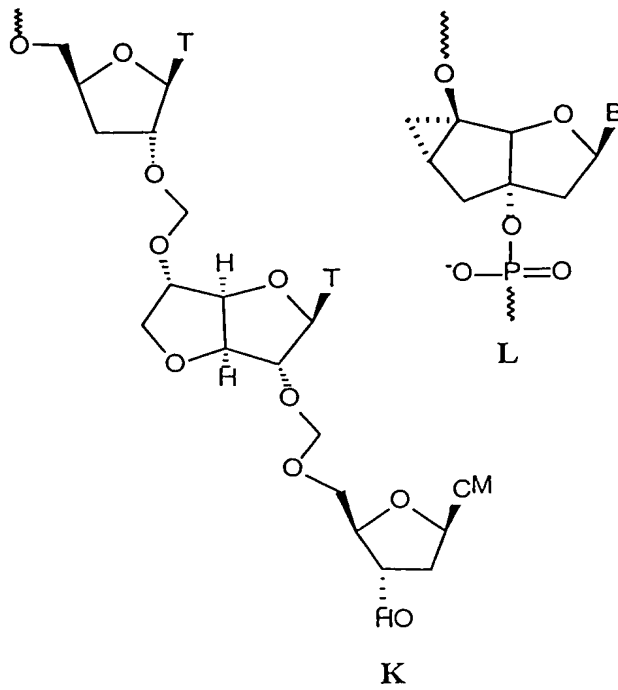
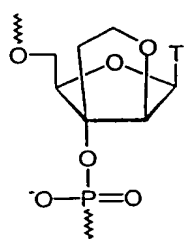
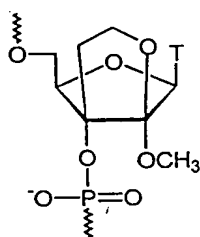


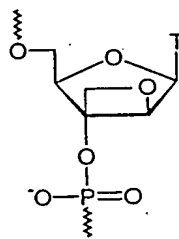
Fig. 1 B



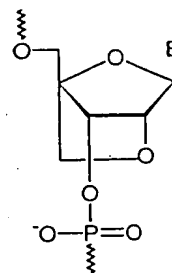
V



X



Y



ZT: B = thymine-1-yl
 ZU: B = uracil-1-yl
 ZG: B = guanine-9-yl
 ZC: B = cytosine-1-yl
 ZA: B = adenine-9-yl
 ZMeC: B = 5-methylcytosine-1-yl

Fig. 2

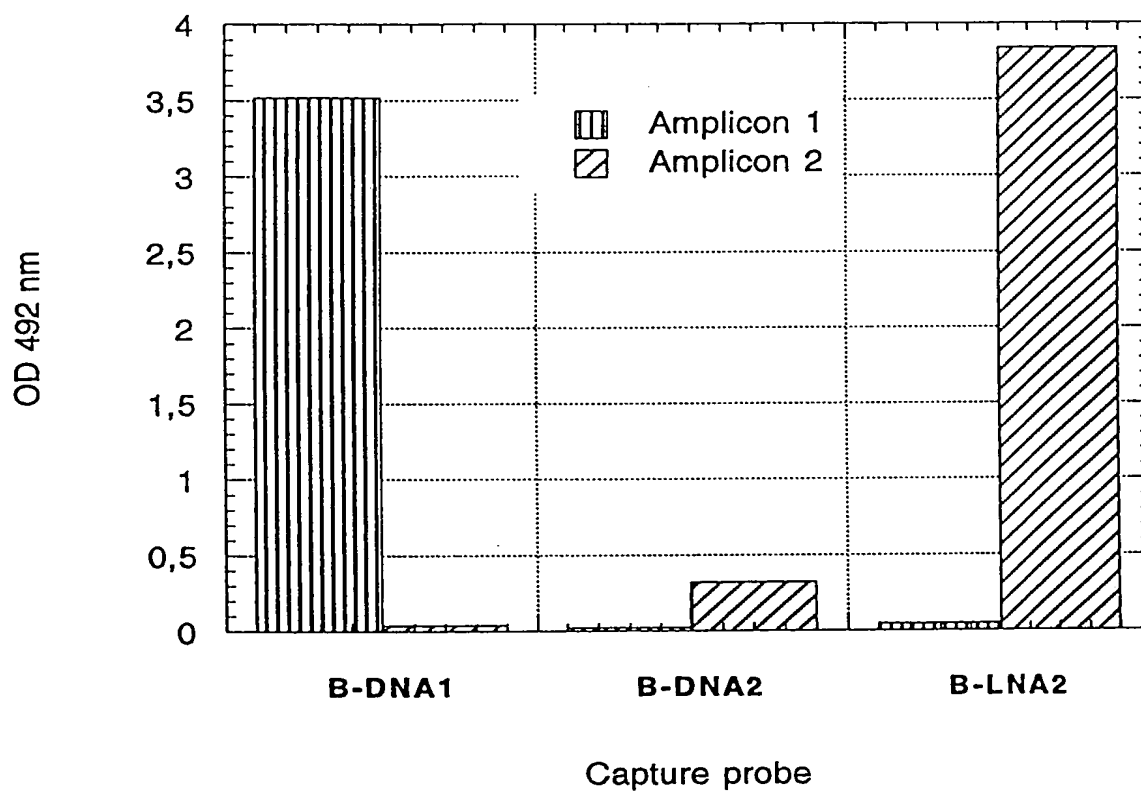


Fig. 3

5/44

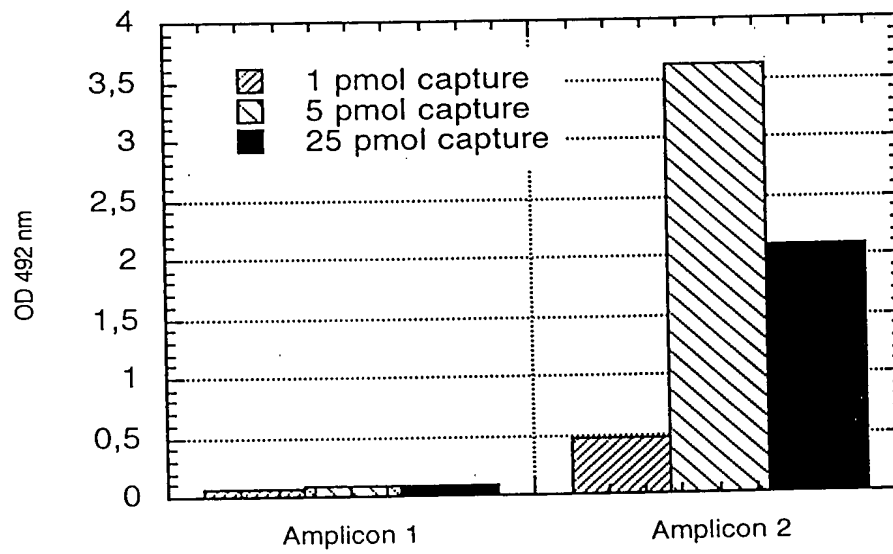


Fig. 4 A

6/44

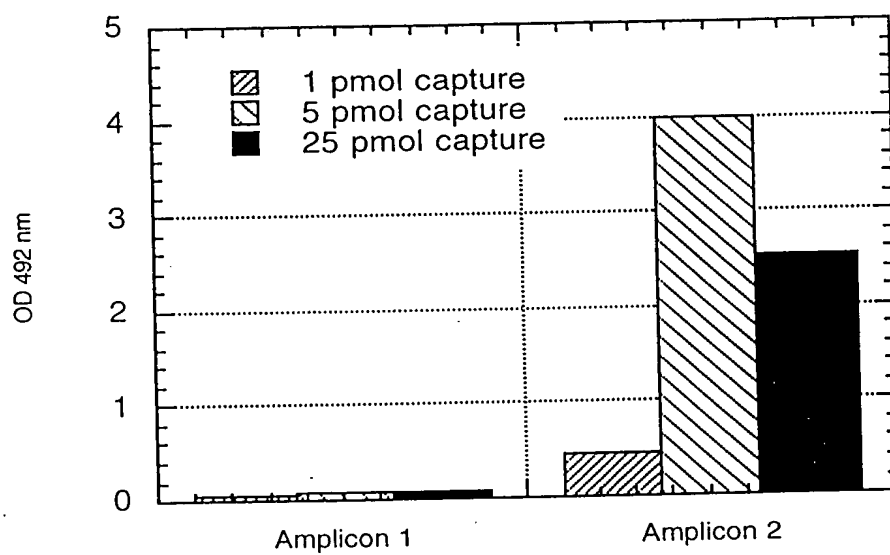


Fig. 4 B

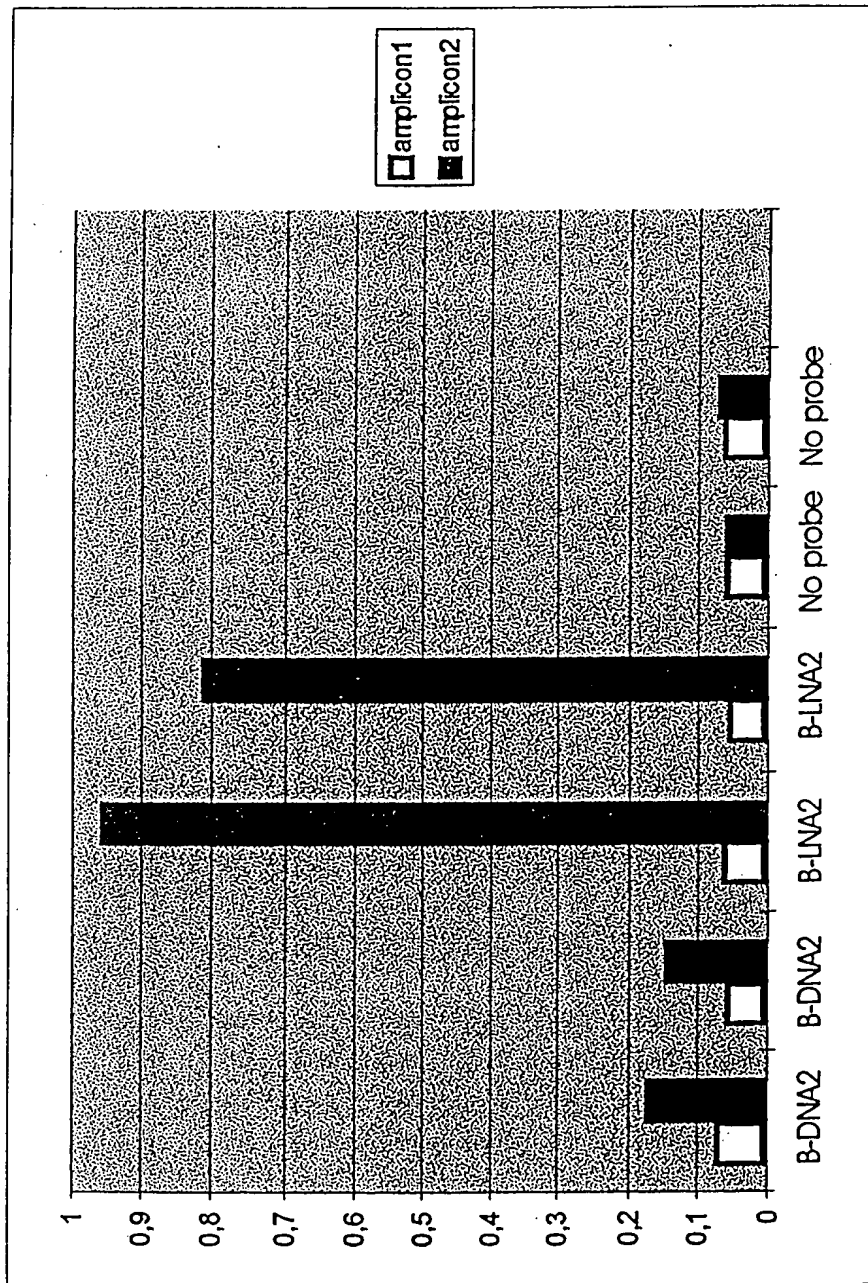


Fig. 5

8/44

1 2 3 4 5 6

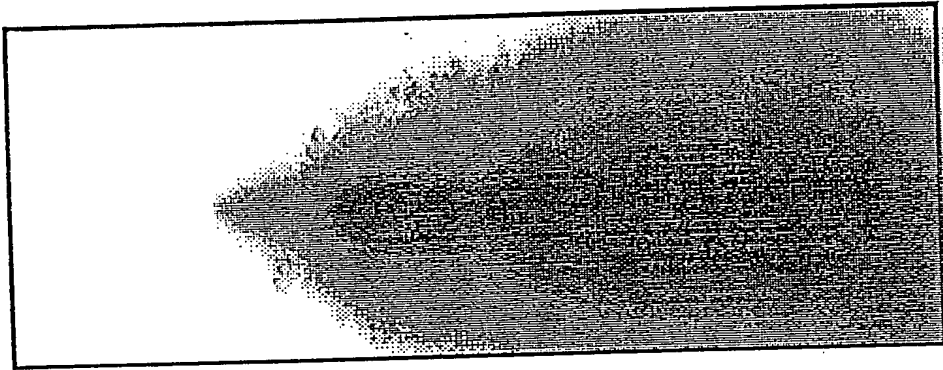


Fig. 6

6307460 6307460

9/44

<u>DNA</u>						<u>LNA</u>					
1	2	3	4	5	6	1	2	3	4	5	6

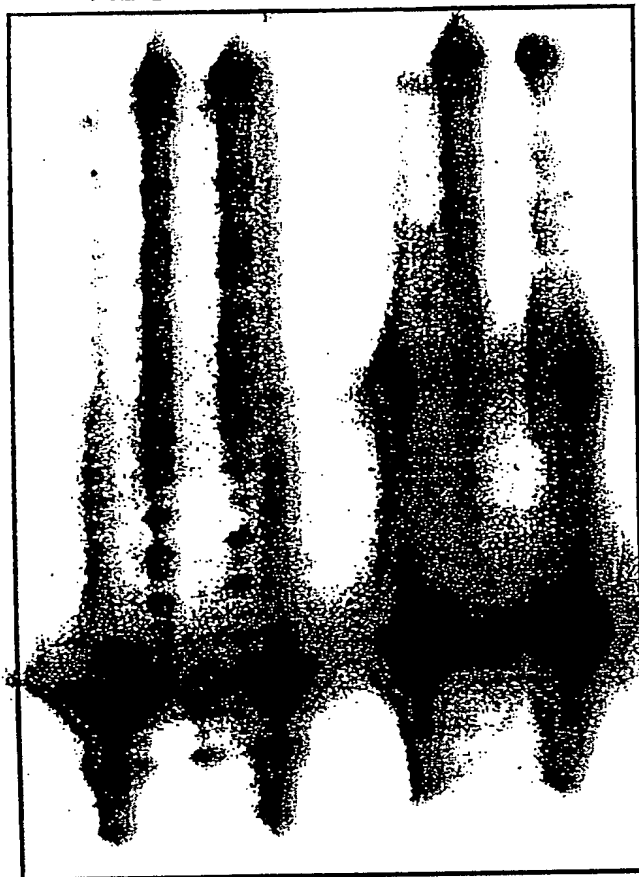


Fig. 7

10/44

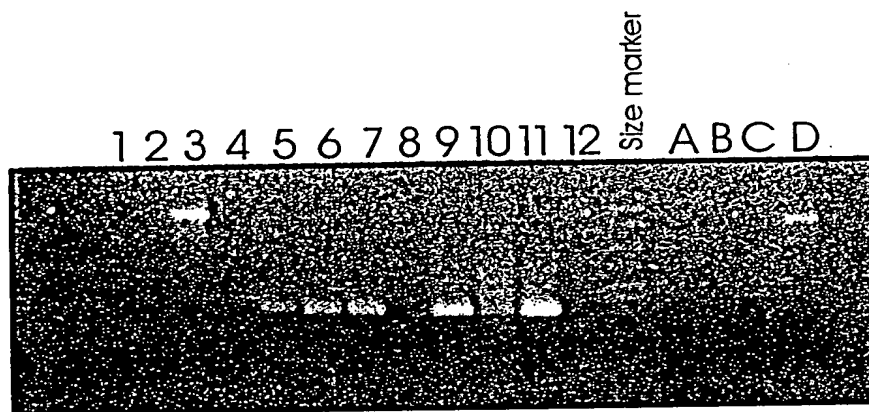


Fig. 8

THE UNIVERSITY OF CHICAGO

$\begin{array}{c} \bullet : \bullet \\ \bullet : \bullet \end{array} \left| \begin{array}{l} \leftarrow 25 \mu\text{M} \\ \leftarrow 12,5 \mu\text{M} \end{array} \right\} \text{AQ - DNA}$

$\begin{array}{c} \bullet : \bullet \\ \bullet : \bullet \end{array} \left| \begin{array}{l} \leftarrow 25 \mu\text{M} \\ \leftarrow 12,5 \mu\text{M} \end{array} \right\} \text{AQ - LNA}$

Fig. 9

12/44

05150"65032160

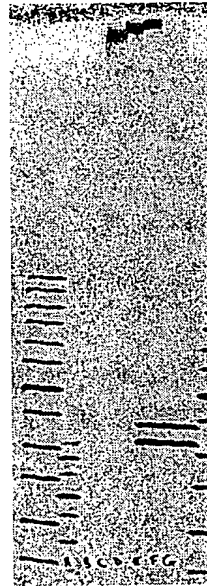


Fig. 10

LNA Oligos

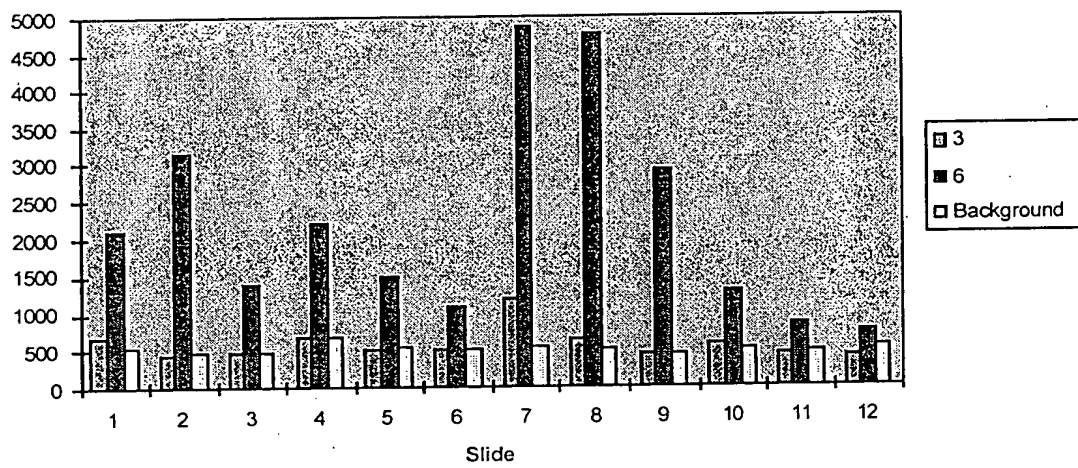


Fig. 11

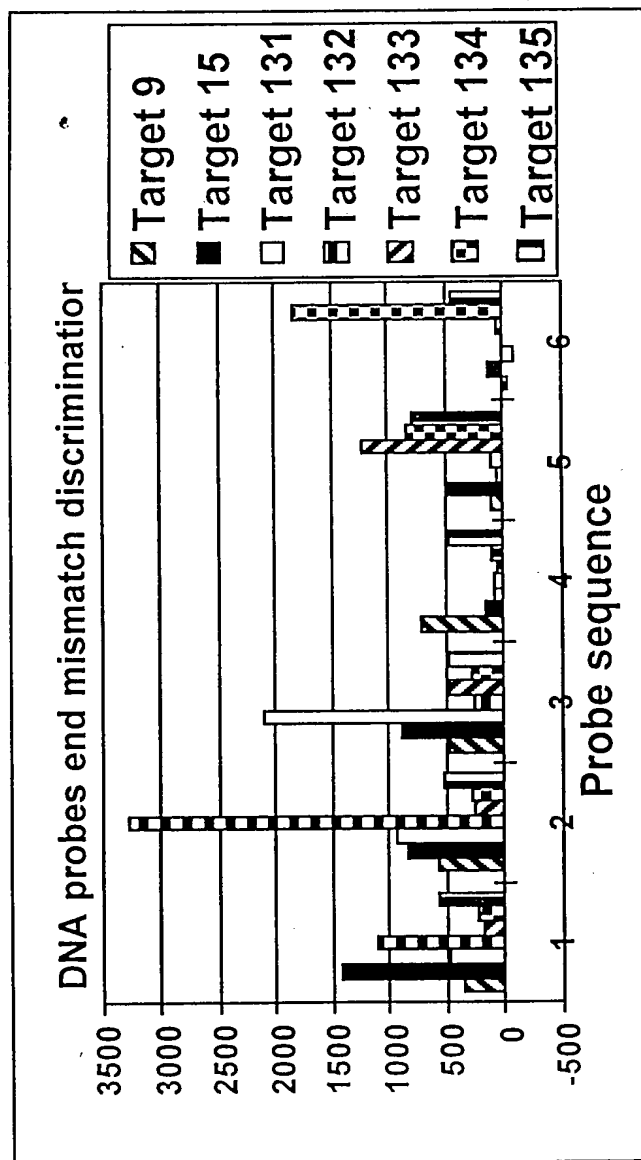


Fig. 12

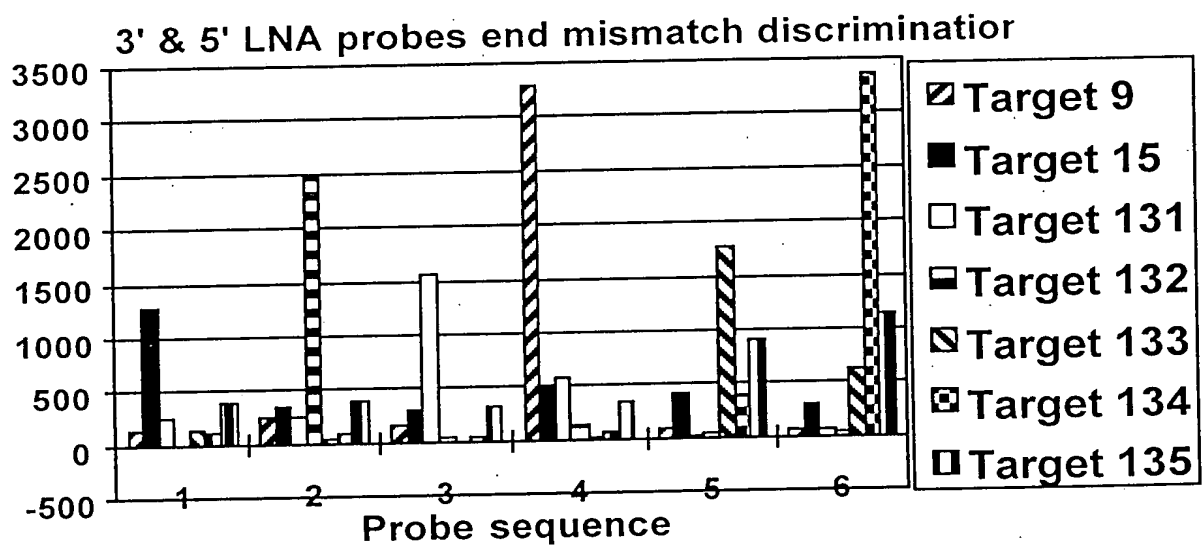


Fig. 13

16/44

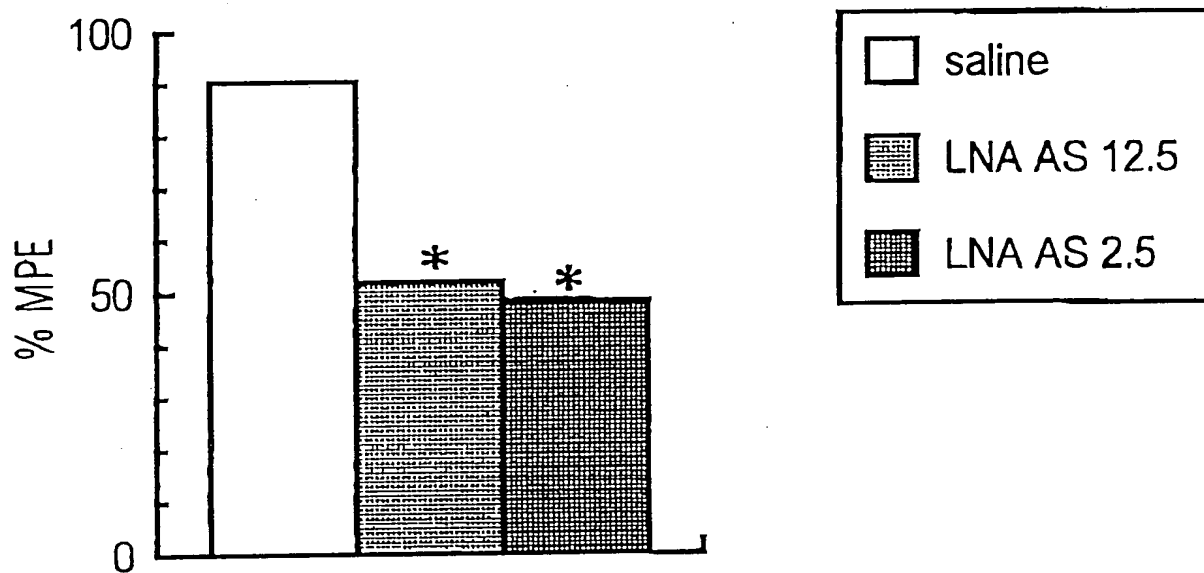


Fig. 14

17/44

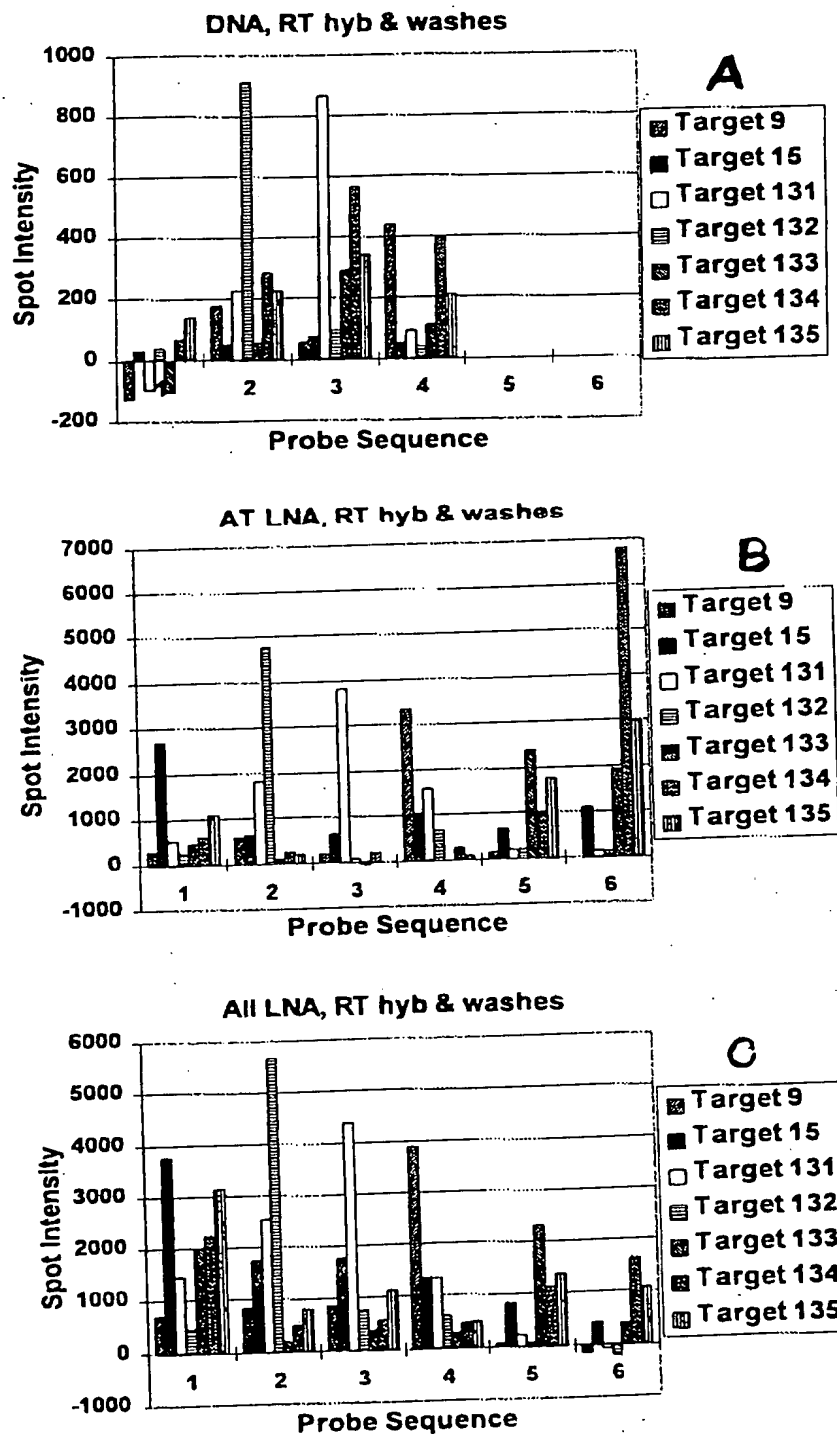


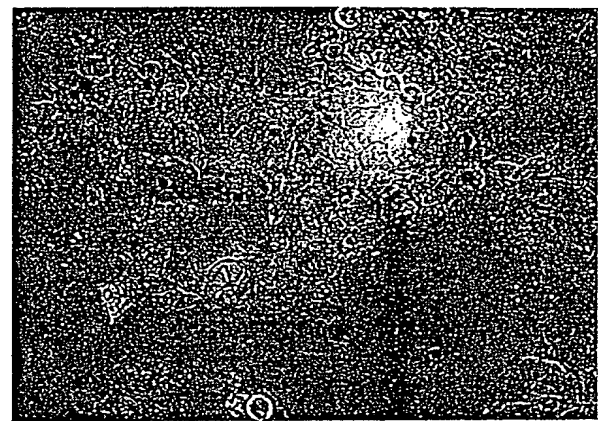
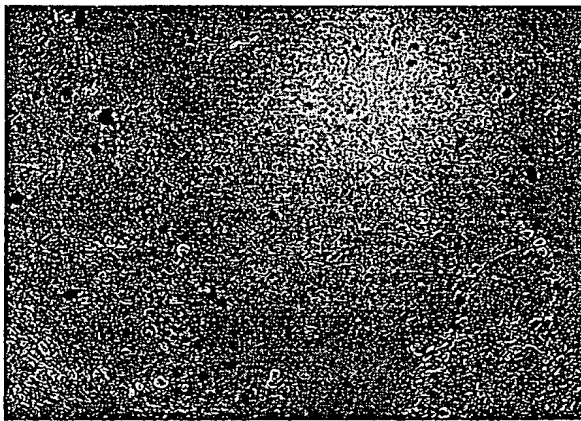
Fig. 15

18/44

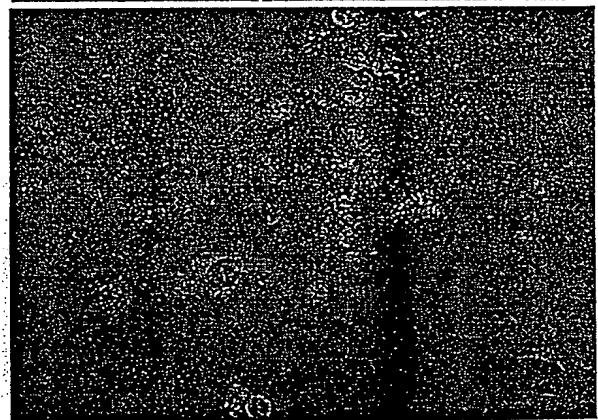
#Ina4: FITC-mærket LNA (LA-16)

10 X objektiv
MCF-7, Lipofectin

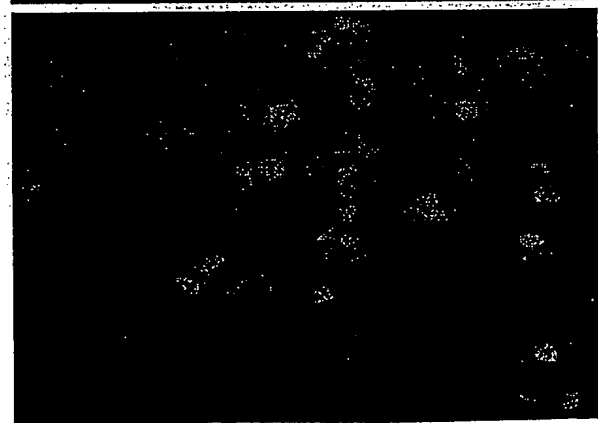
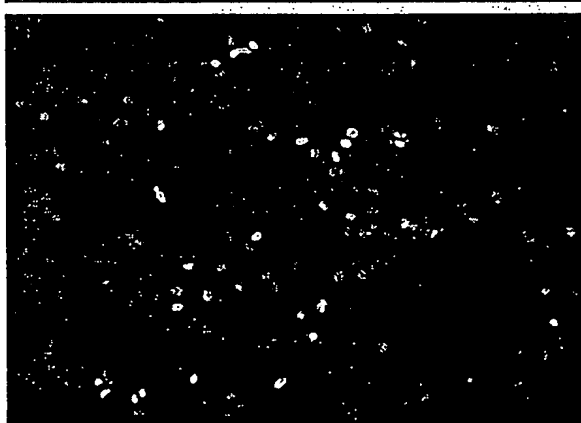
20 X objektiv,
MCF-7, Lipofectin



lysmikroskopi



superponering



fluorescens

Fig. 16

The following table shows the number of persons who have been convicted of crimes in the State of New York, from 1880 to 1890, and the number of persons who have been sentenced to the State Prison, from 1880 to 1890.

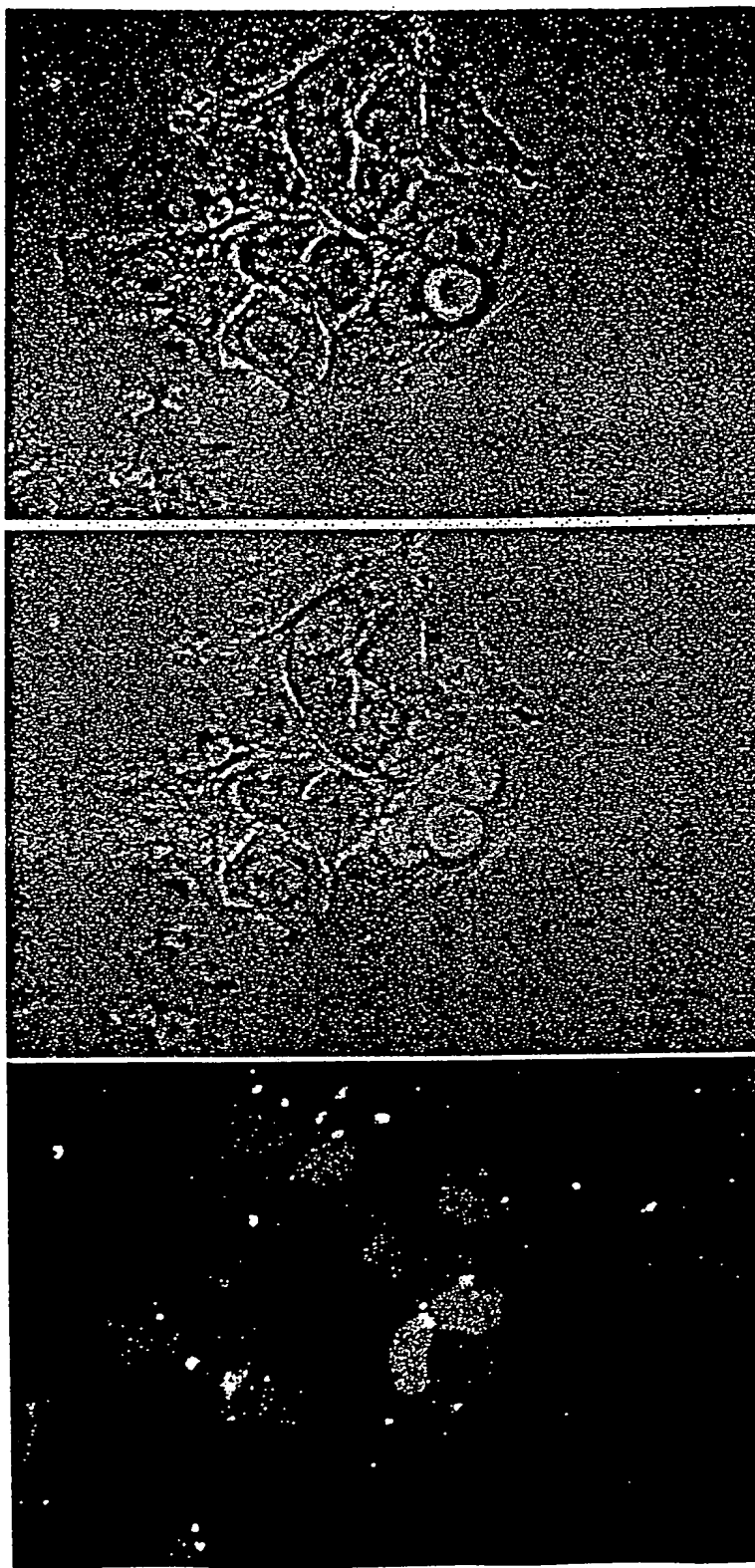


Fig. 17

20/44

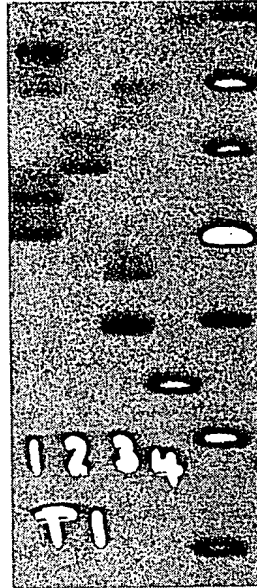


Fig. 18

21/44

06750160000000

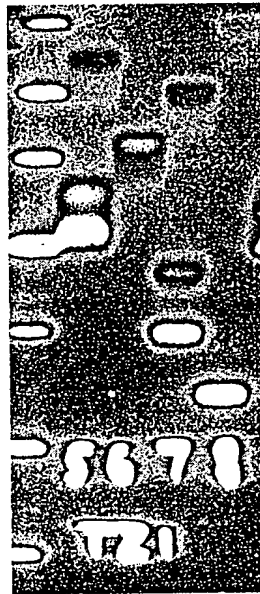


Fig. 19

1. The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1) as $t \rightarrow \infty$. It is shown that the solutions of the system (1) tend to zero as $t \rightarrow \infty$ if and only if the matrix A is stable.

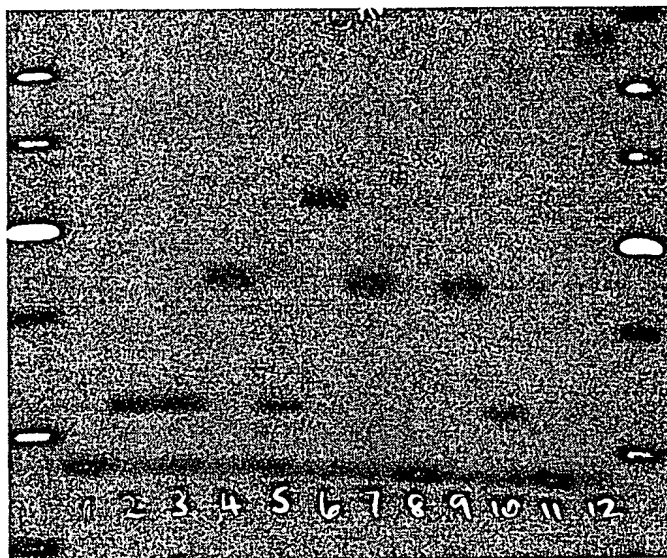
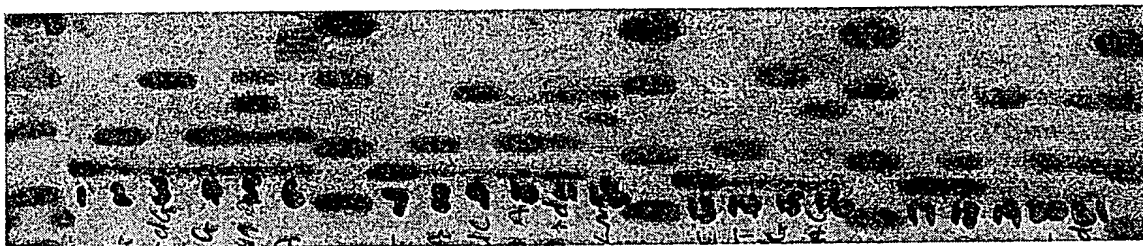


Fig. 20

23/44



05FF60"65025F60

Fig. 21

24/44

05T50" 6000T50

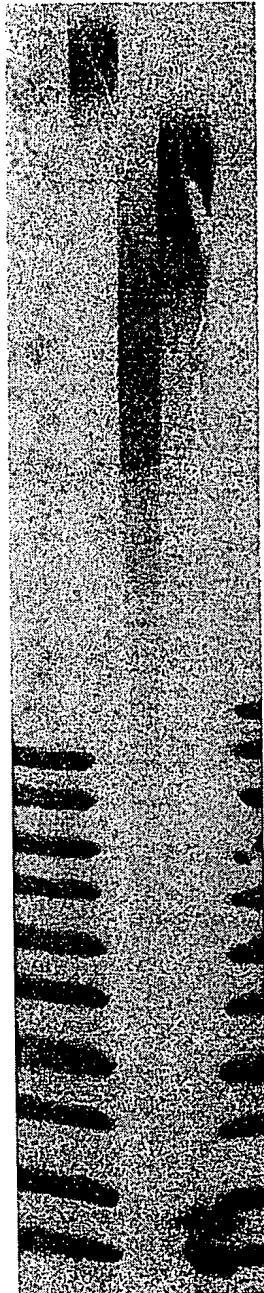


Fig. 22

25/44

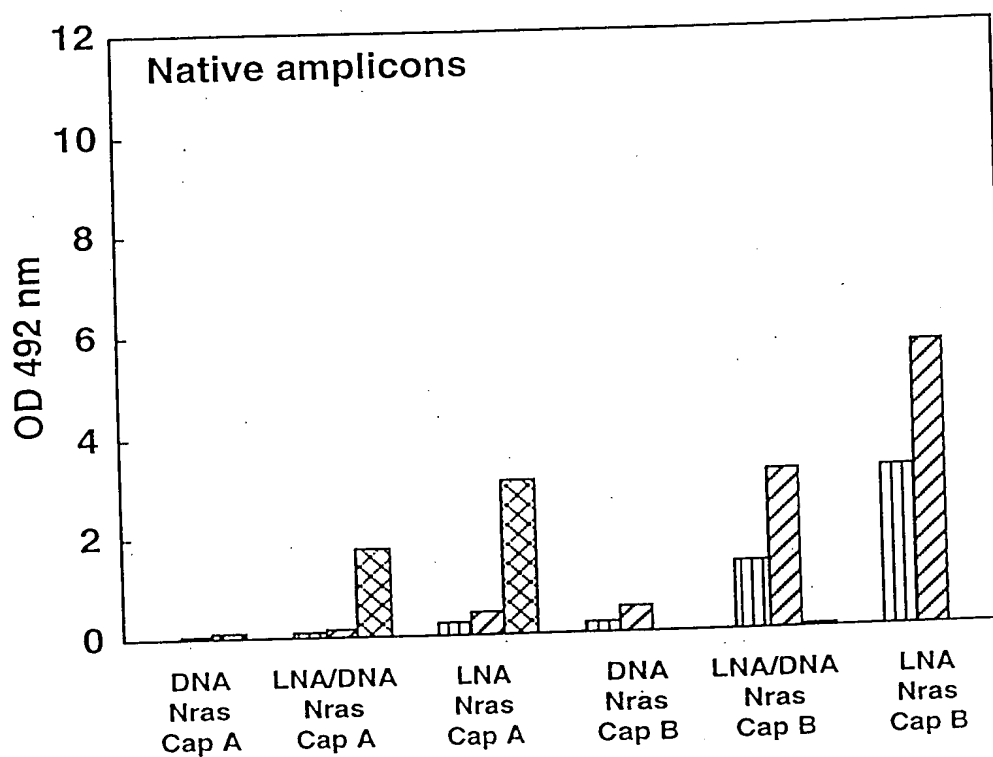
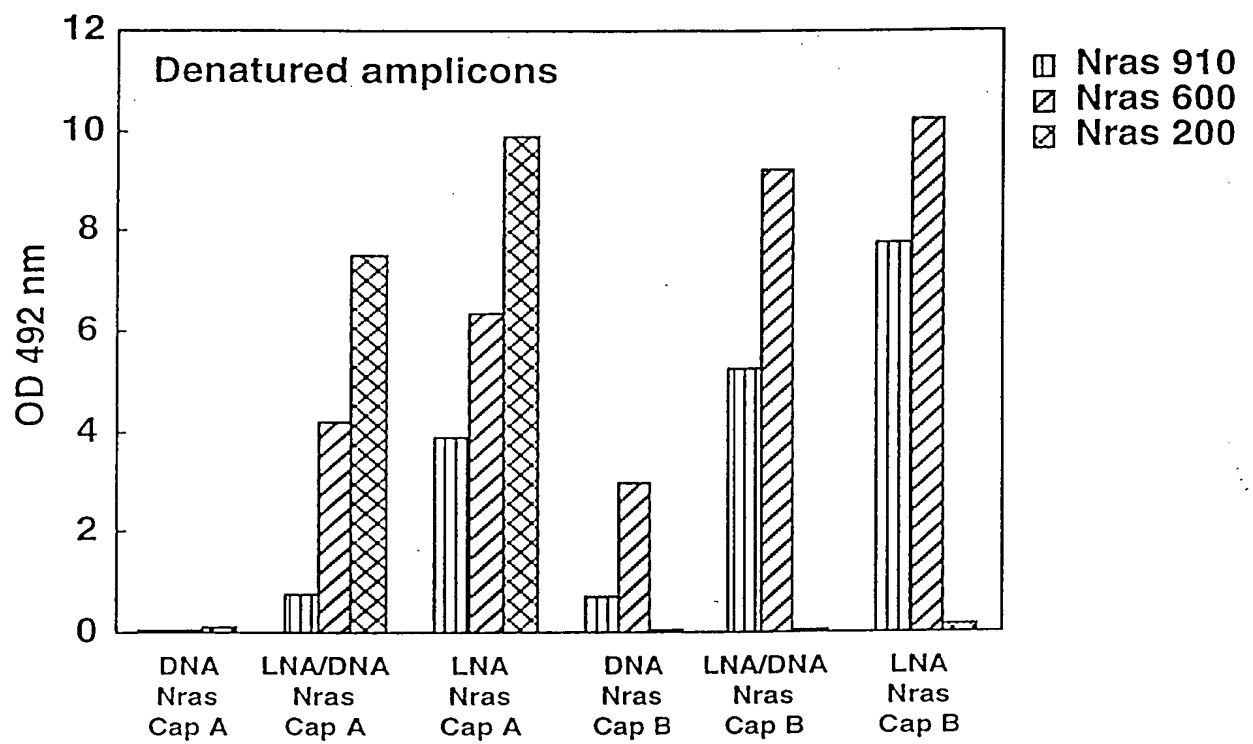


Fig. 23 A

**Fig. 23 B**

27/44

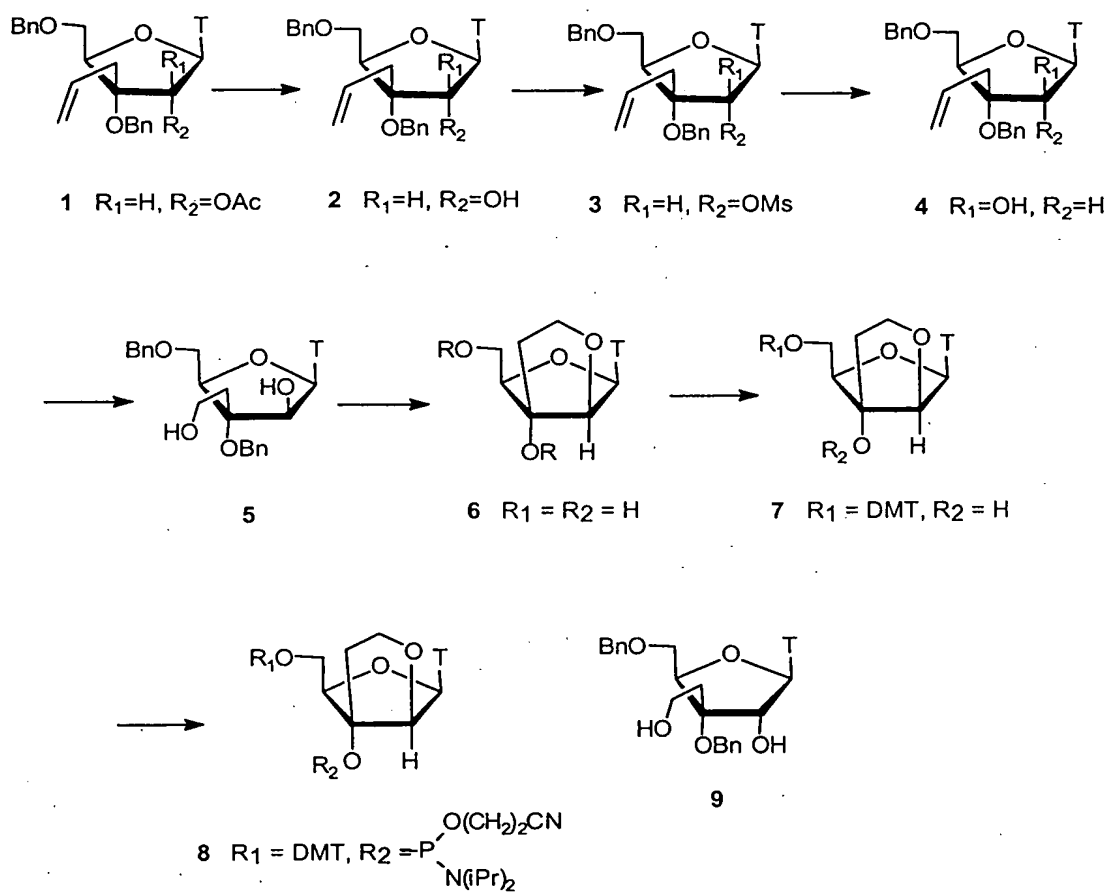


Fig. 24

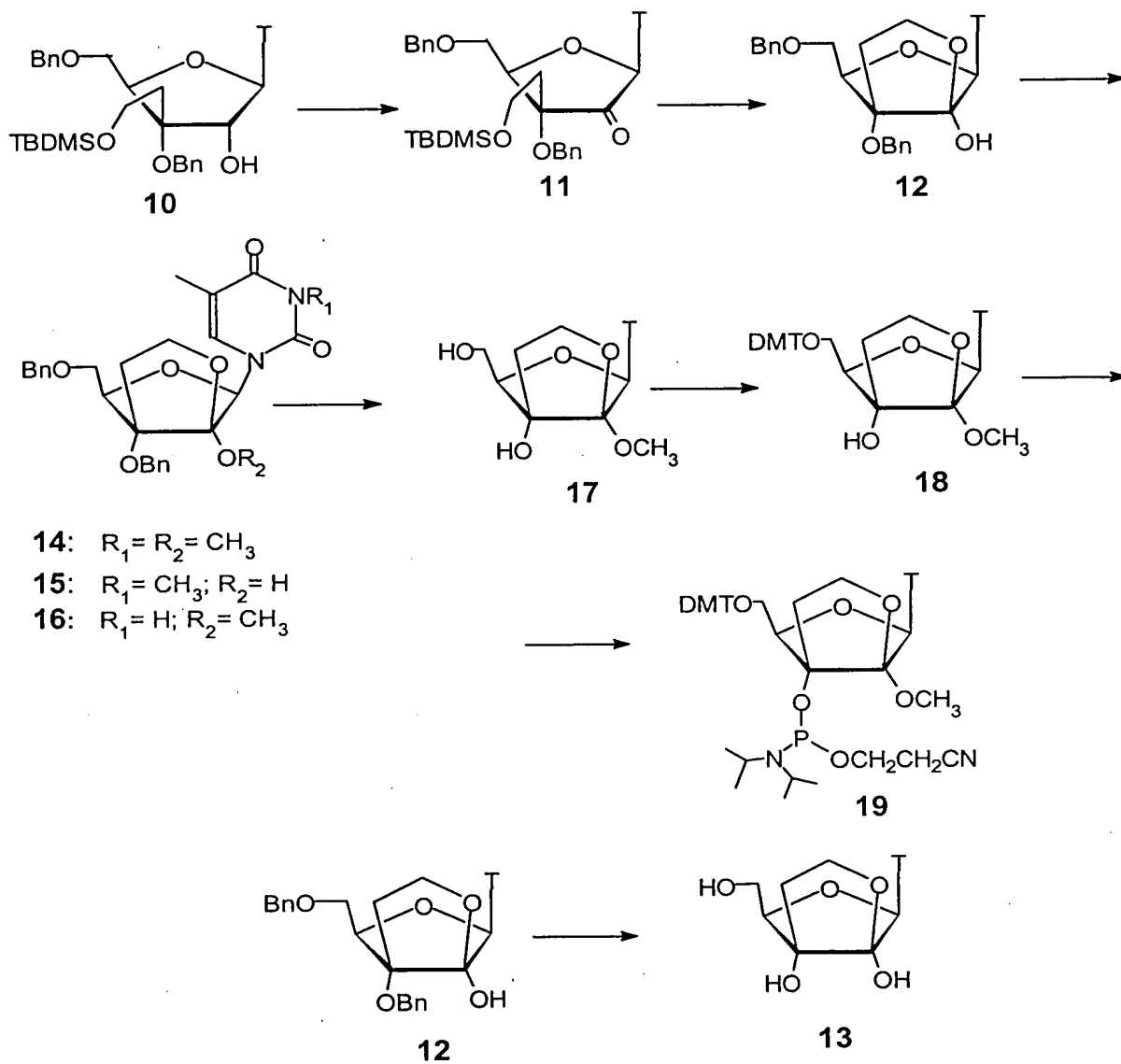


Fig. 25

29/44

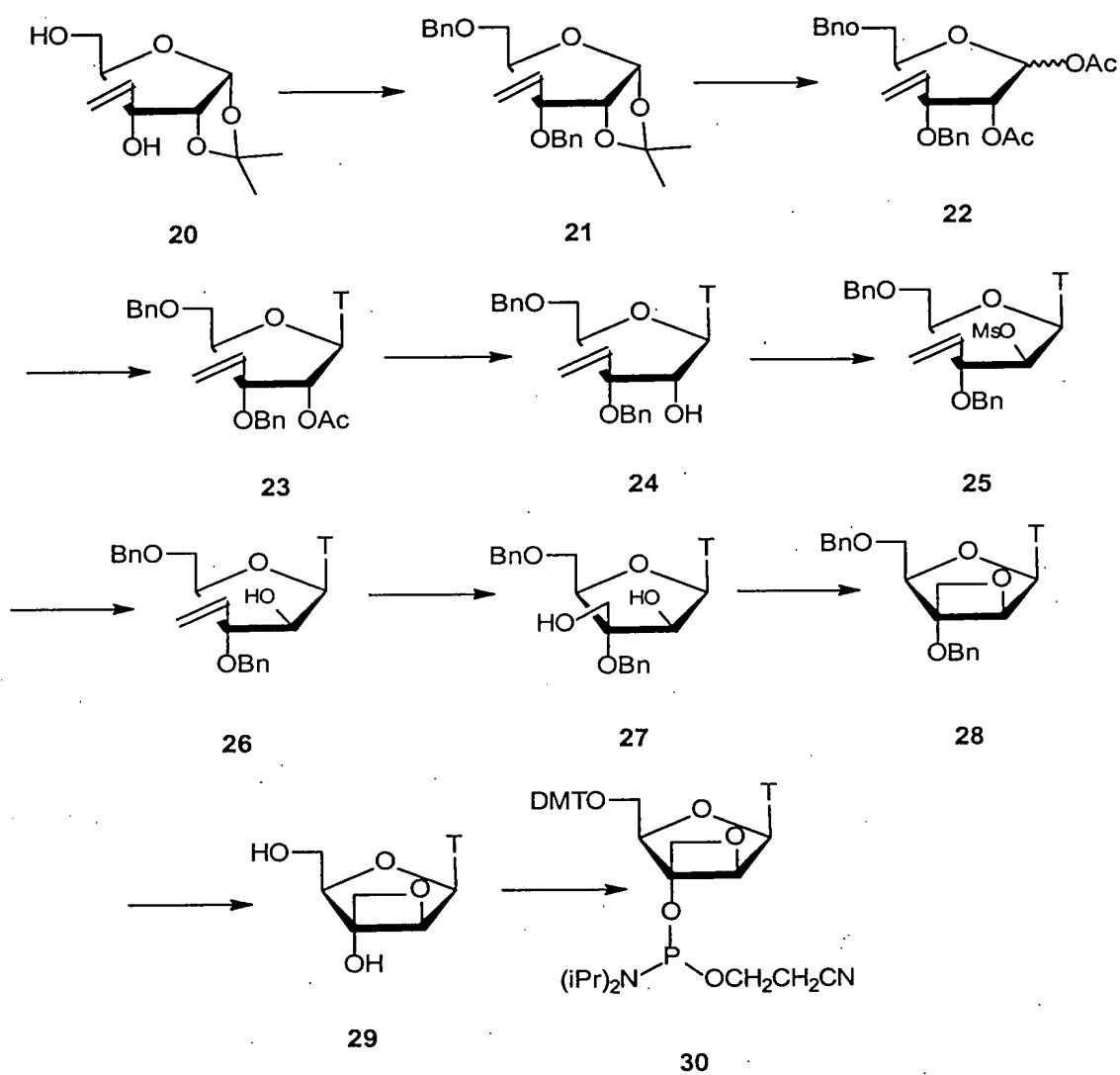


Fig. 26

30/44

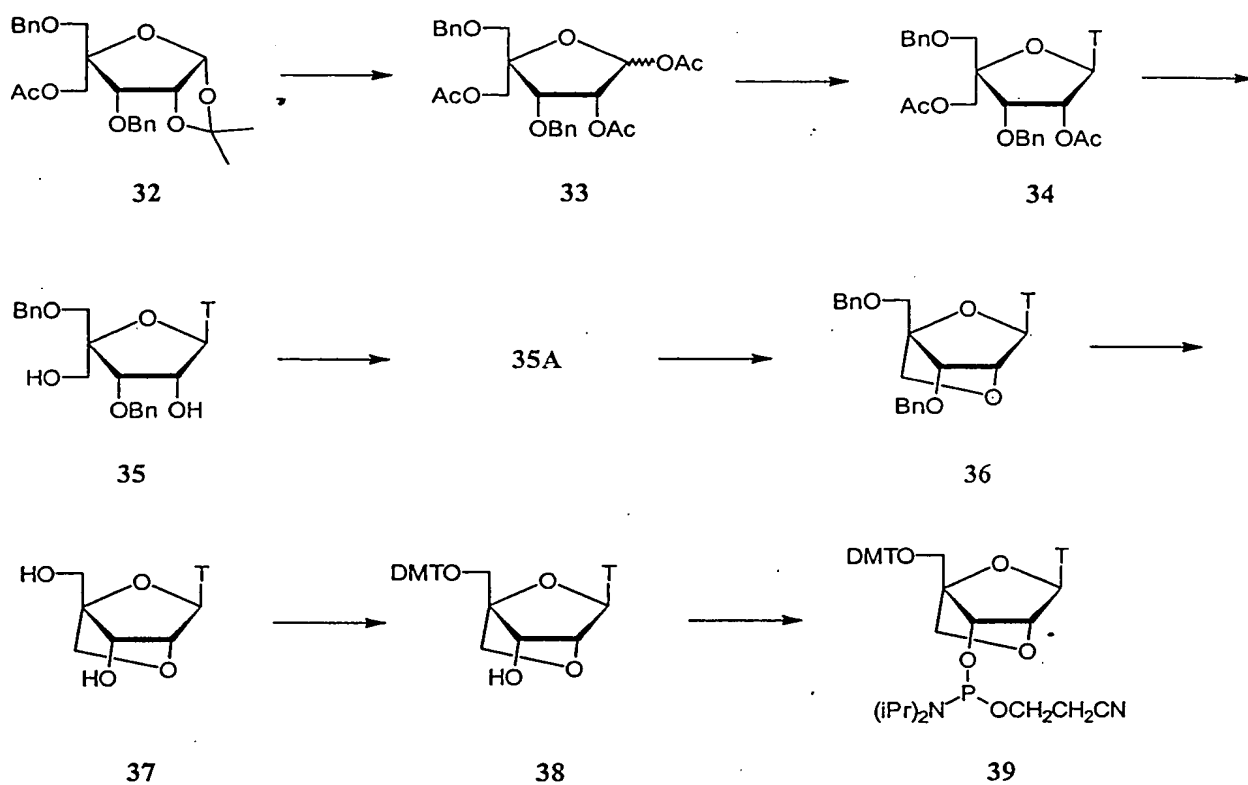


Fig. 27

31/44

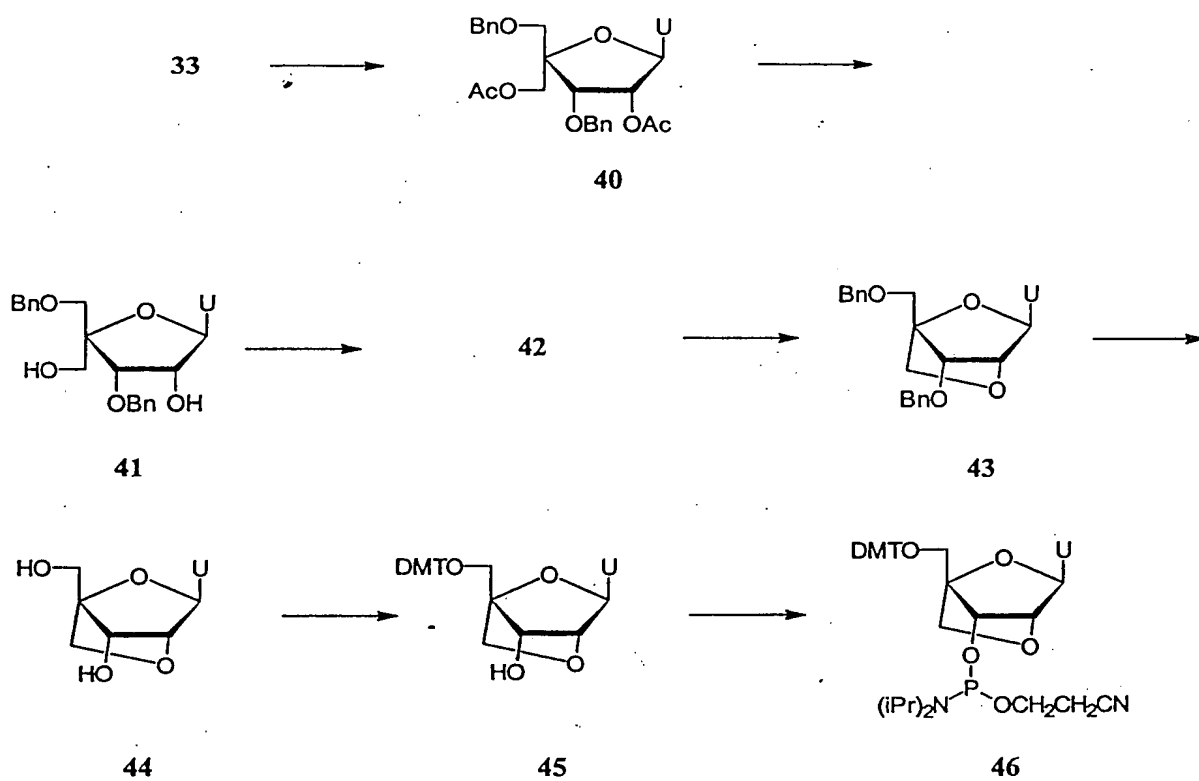


Fig. 28

32/44

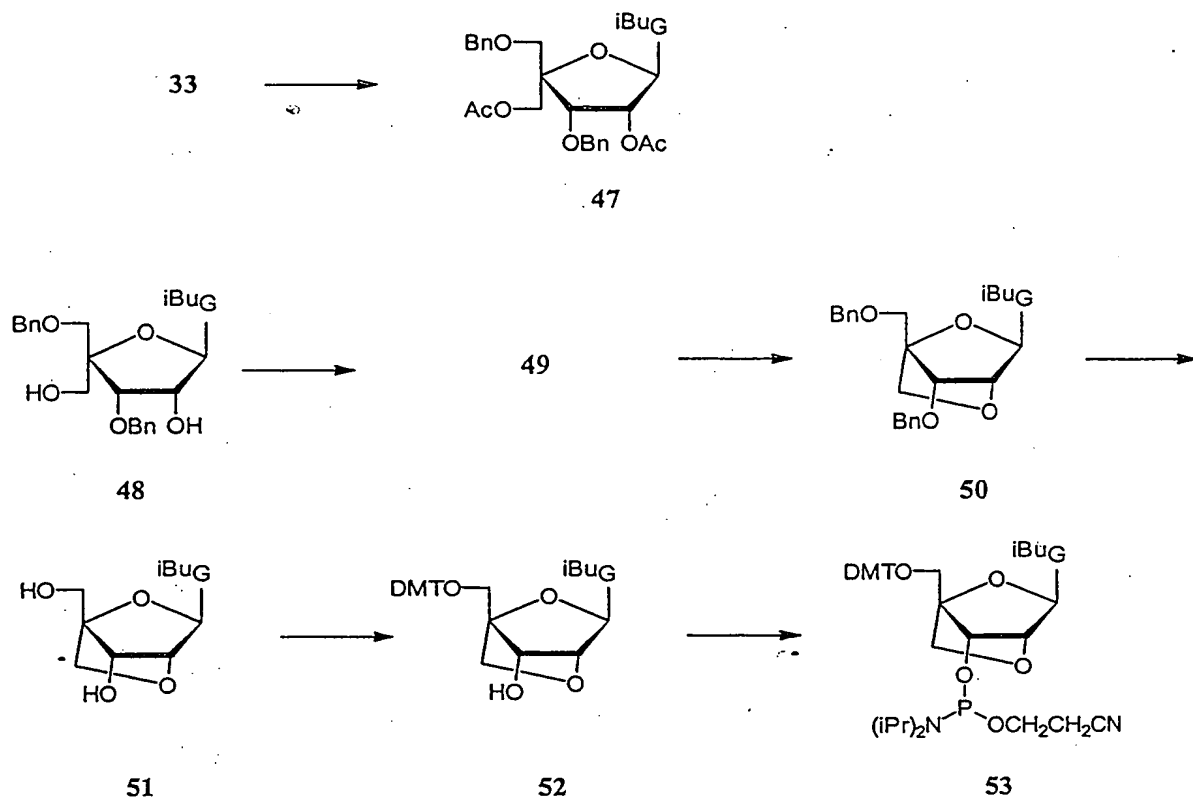


Fig. 29

33/44

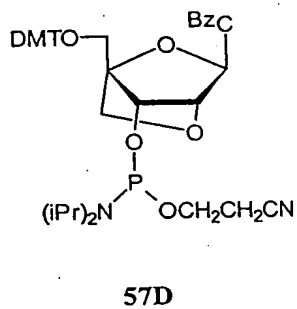
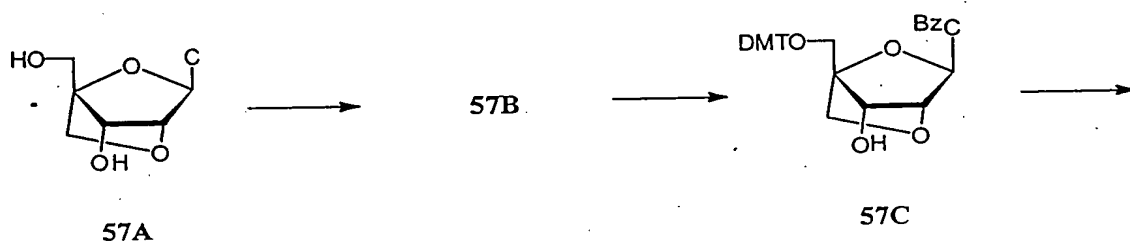
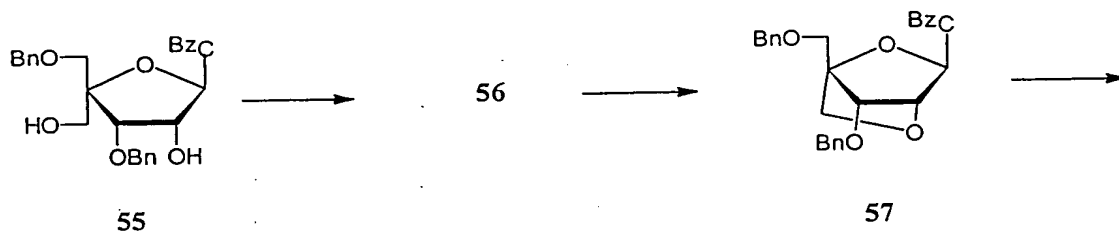
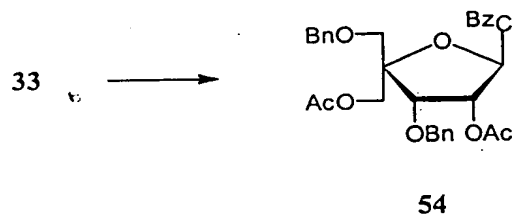


Fig. 30

34/44

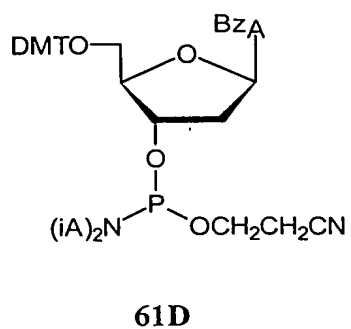
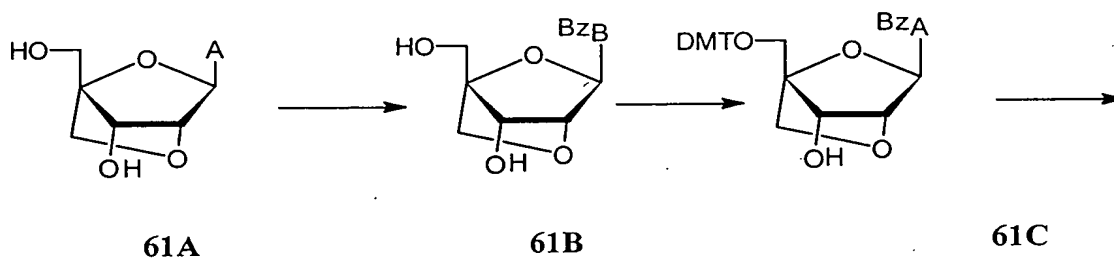
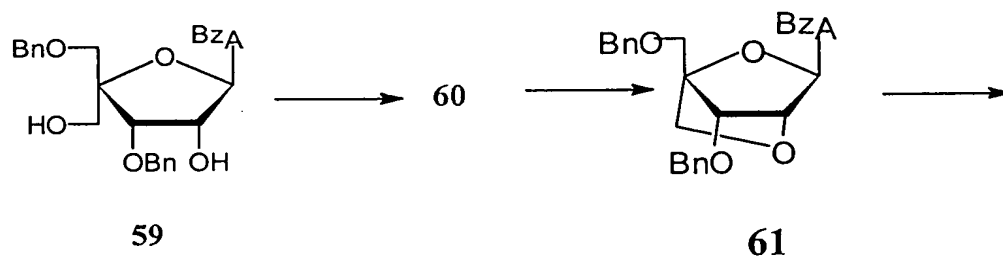
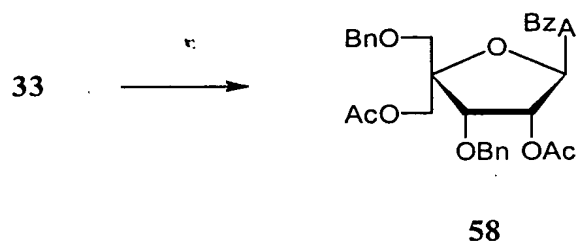


Fig. 31

35/44

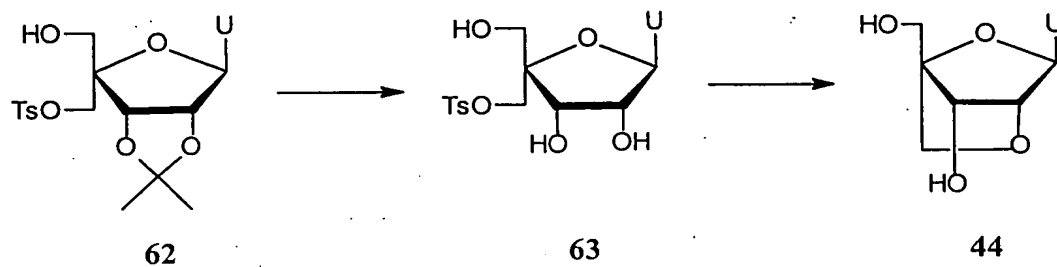


Fig. 32

06T60"60000T60

36/44

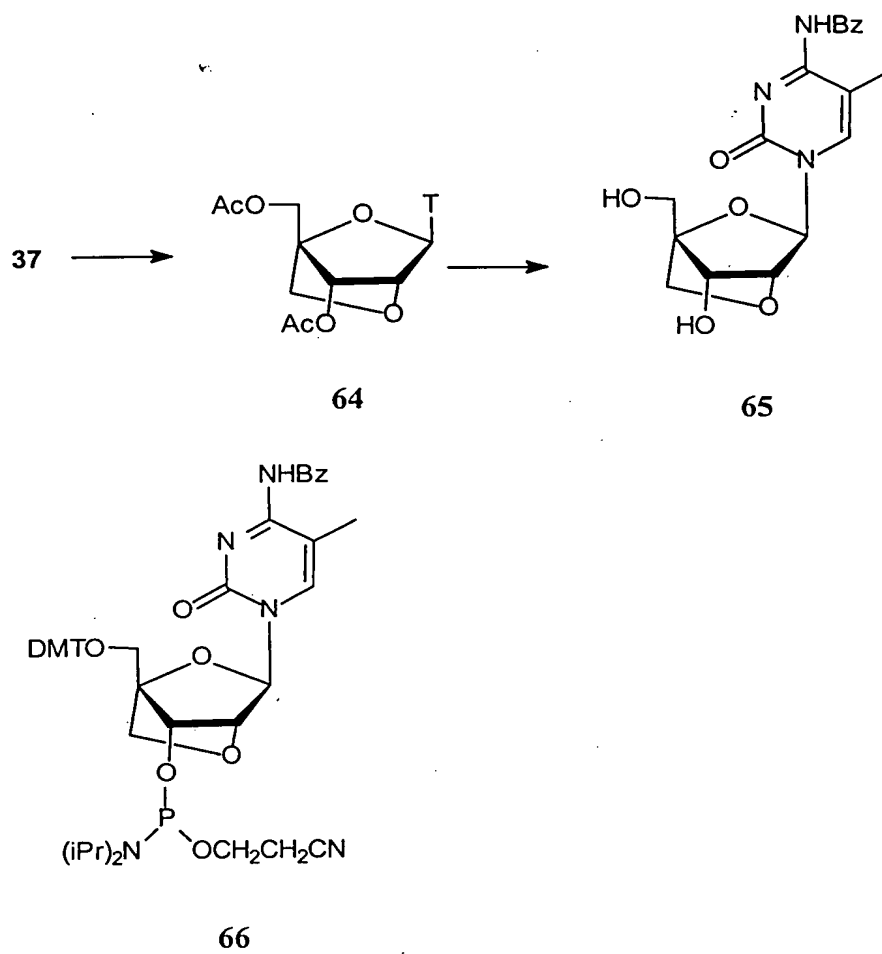


Fig. 33

37/44

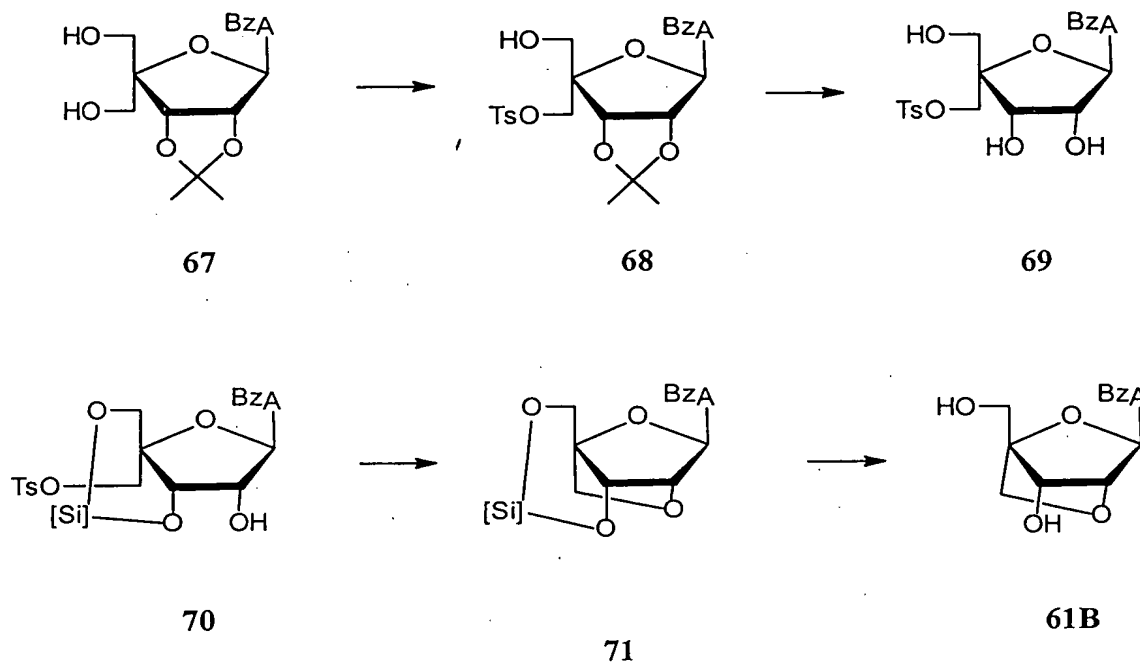


Fig. 34

38/44

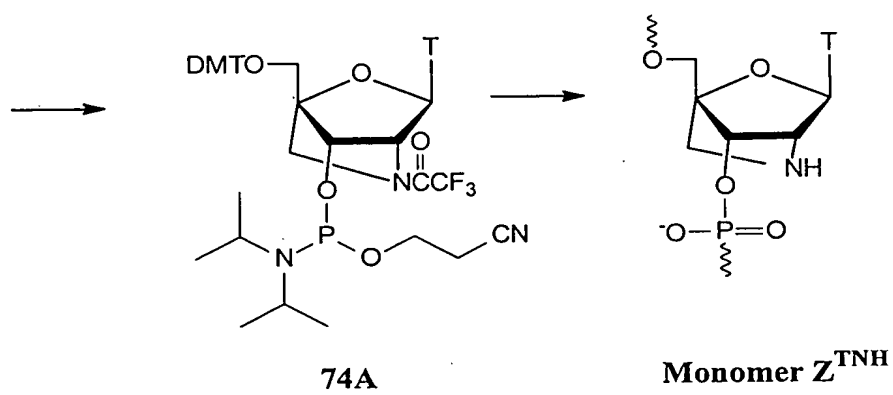
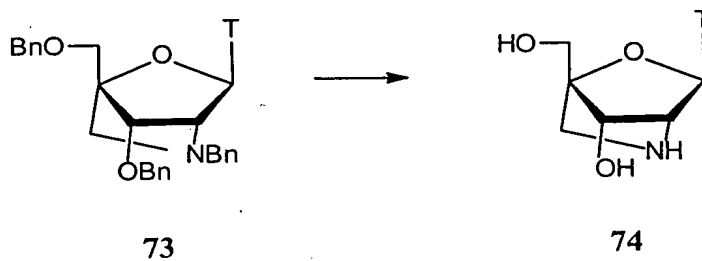
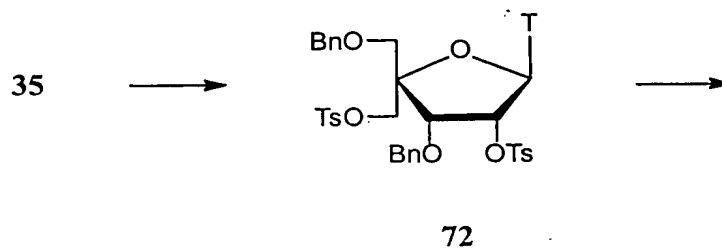


Fig. 35

39/44

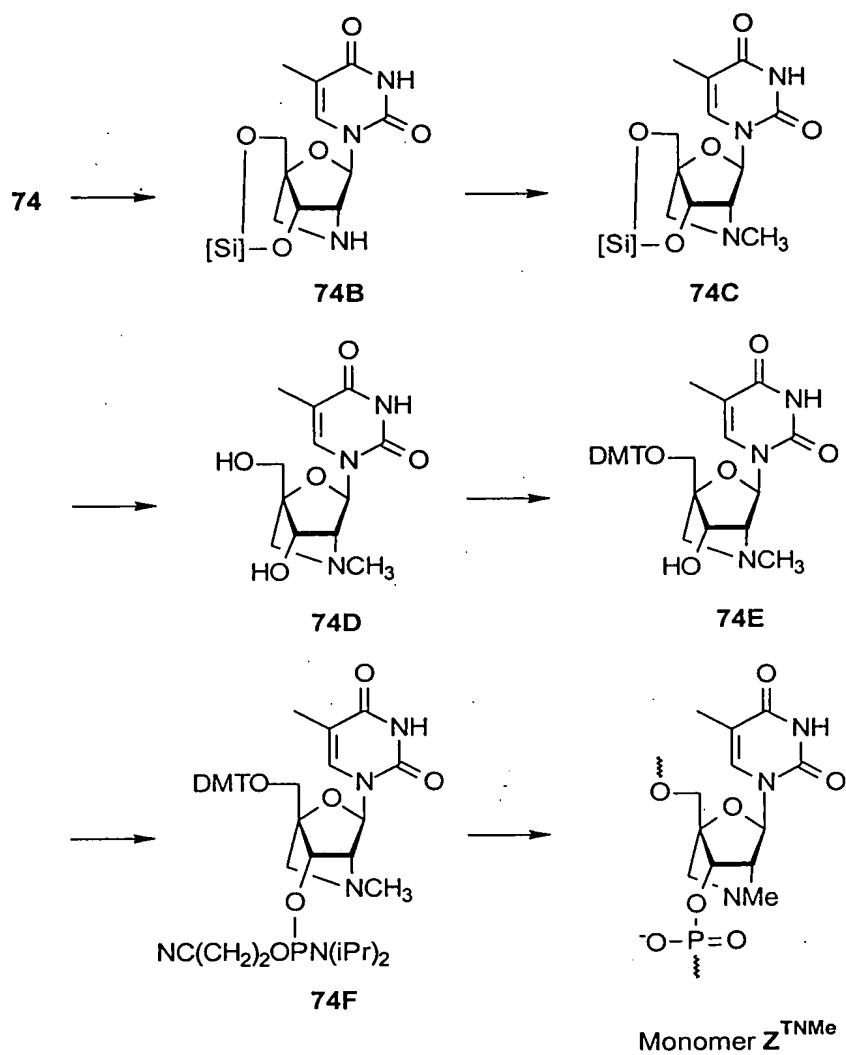


Fig. 36

40/44

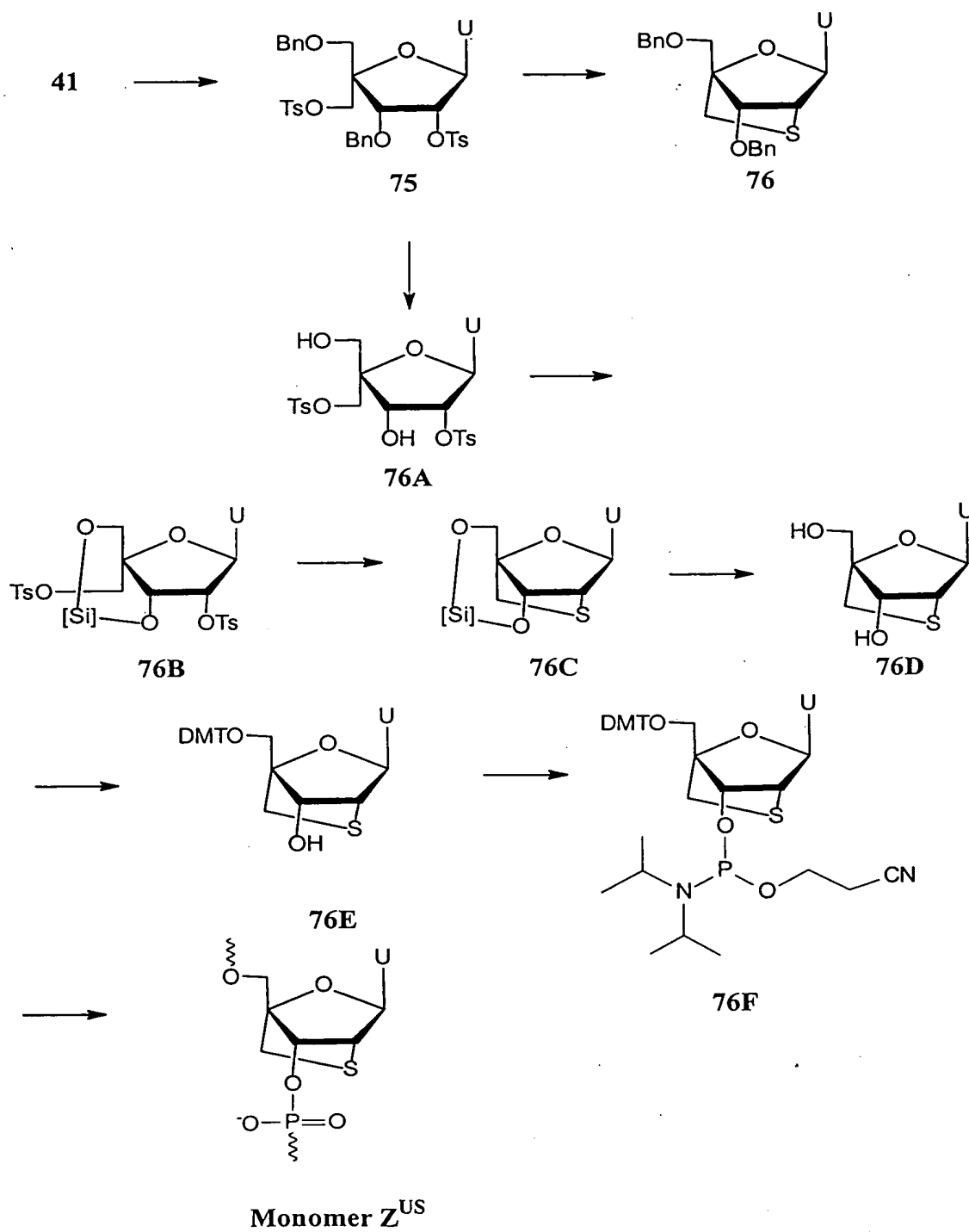


Fig. 37

41/44

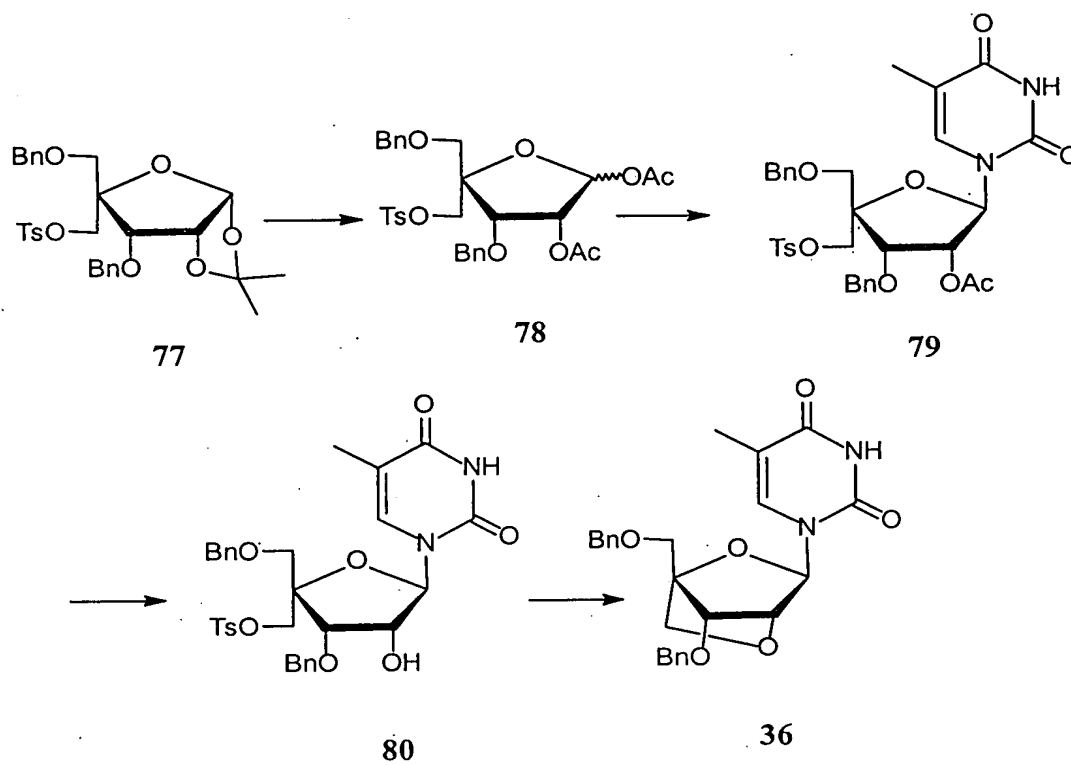


Fig. 38

42/44

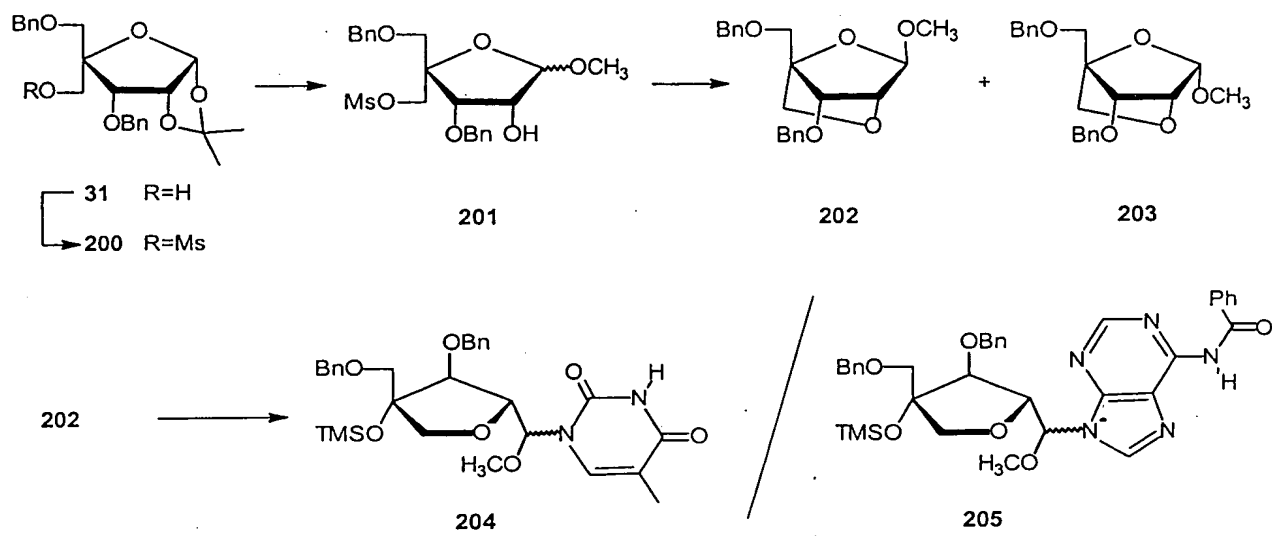


Fig. 39

43/44

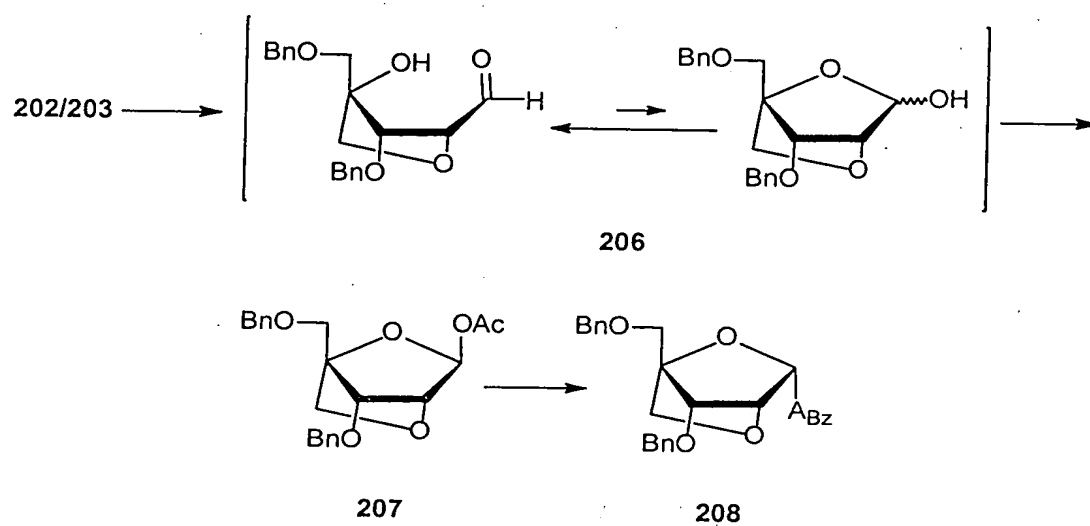


Fig. 40

44/44

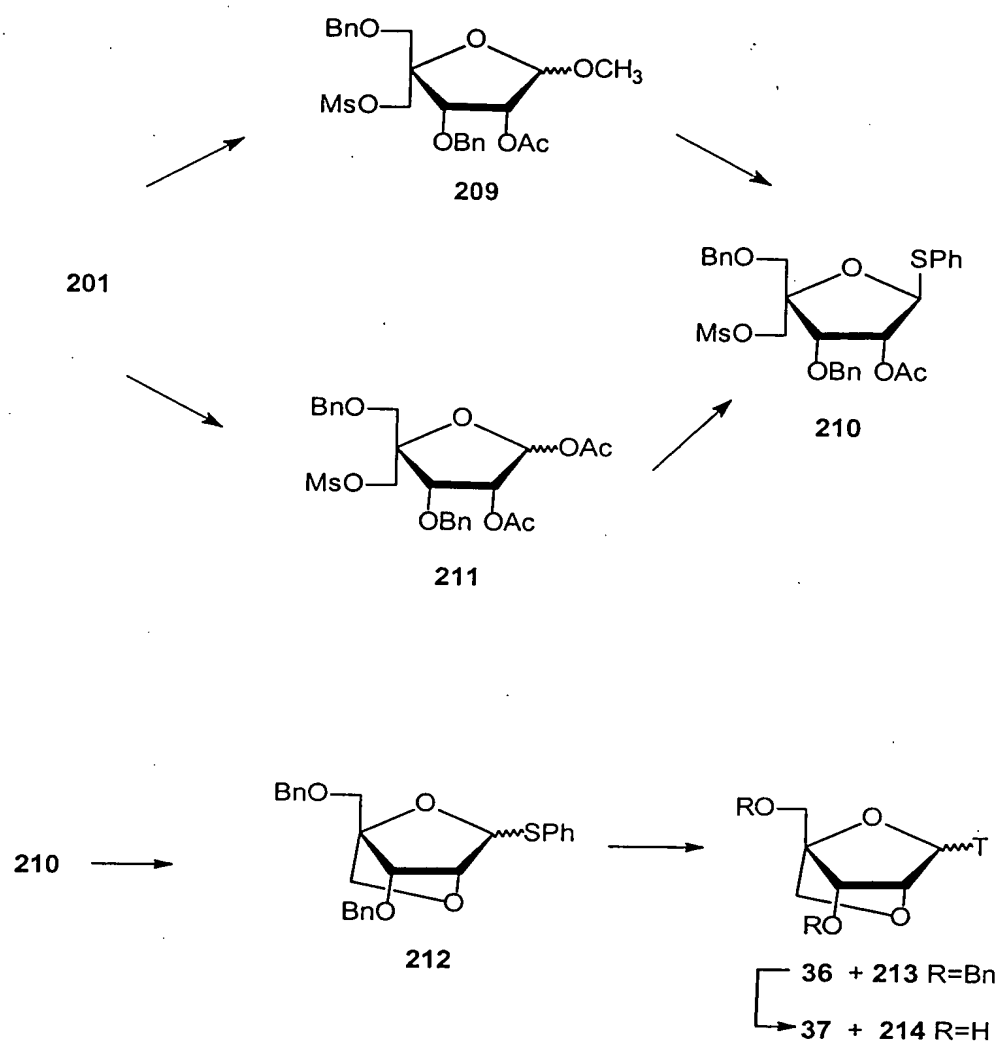


Fig. 41